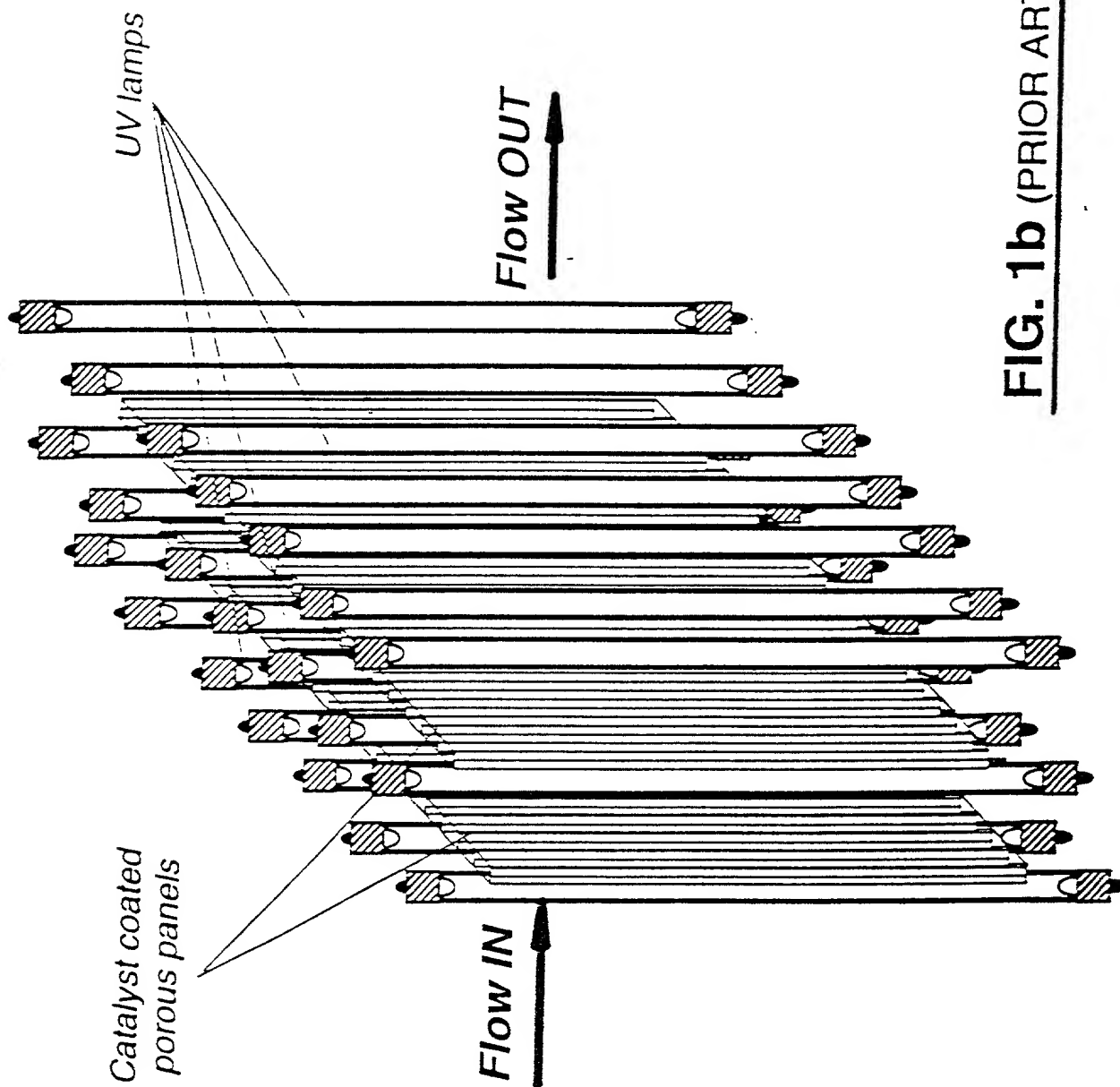
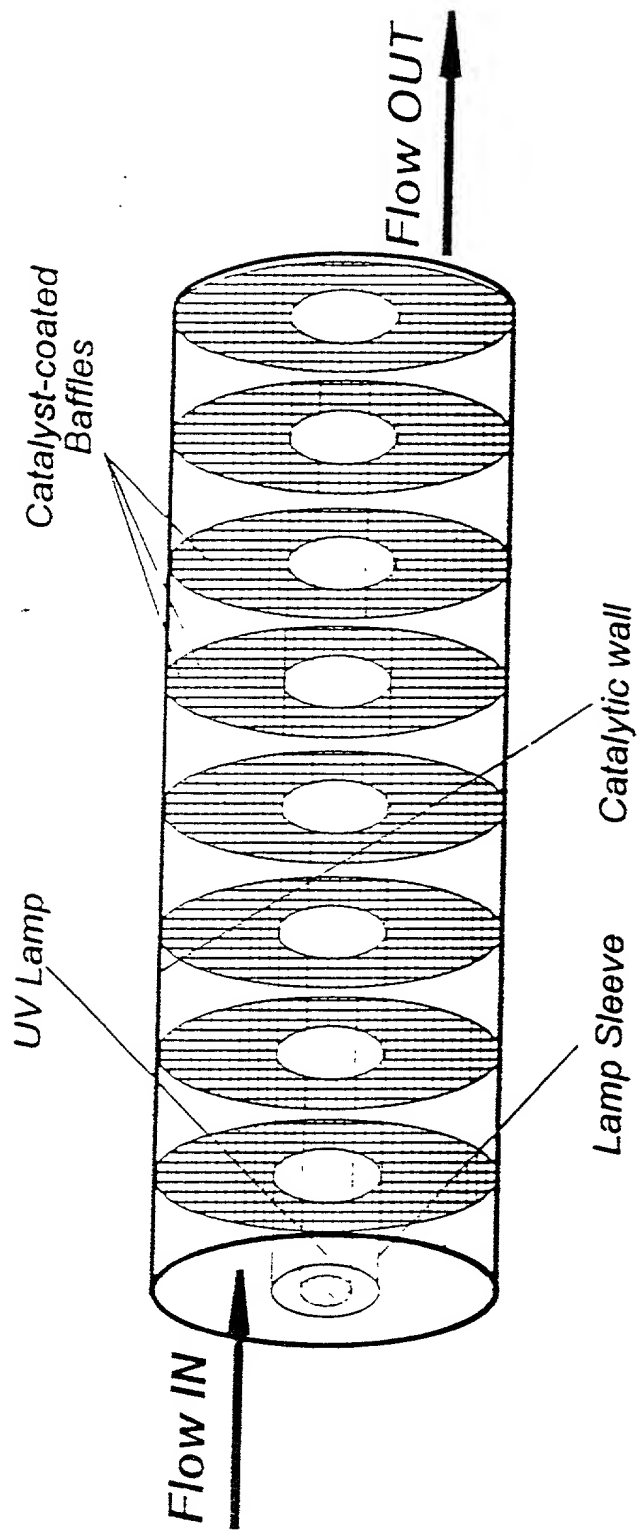


**FIG. 1a (PRIOR ART)**



**FIG. 1b** (PRIOR ART)

**FIG. 1c (PRIOR ART)**



**FIG. 2**

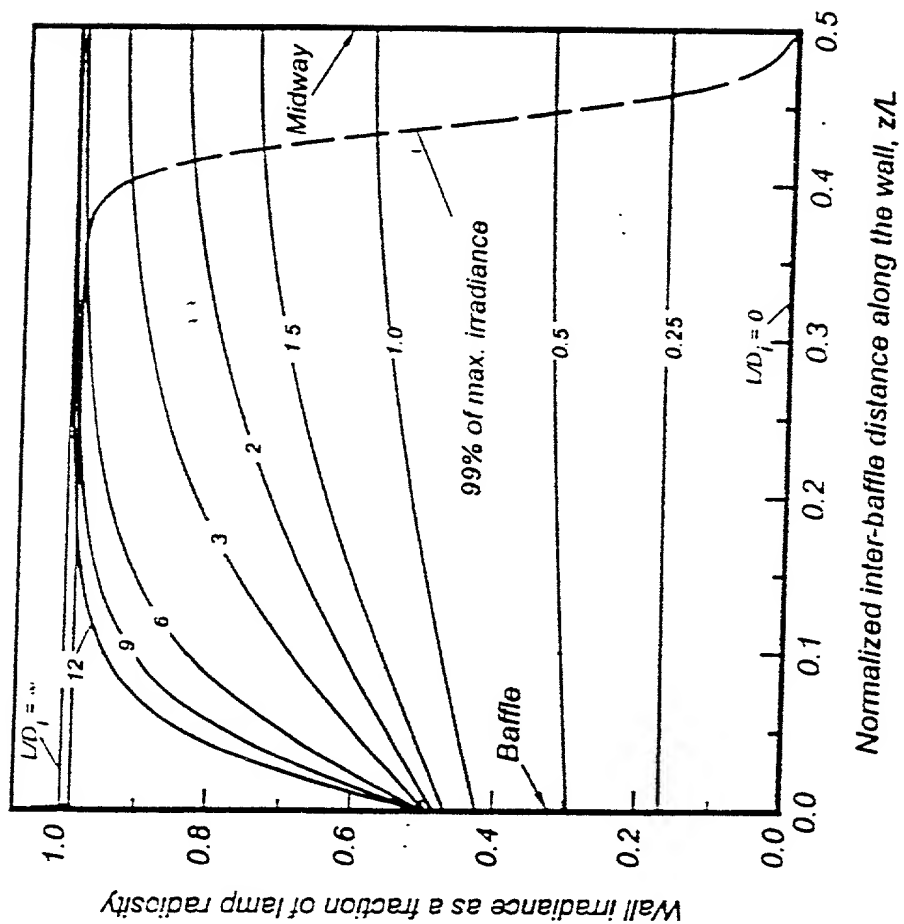


FIG. 3

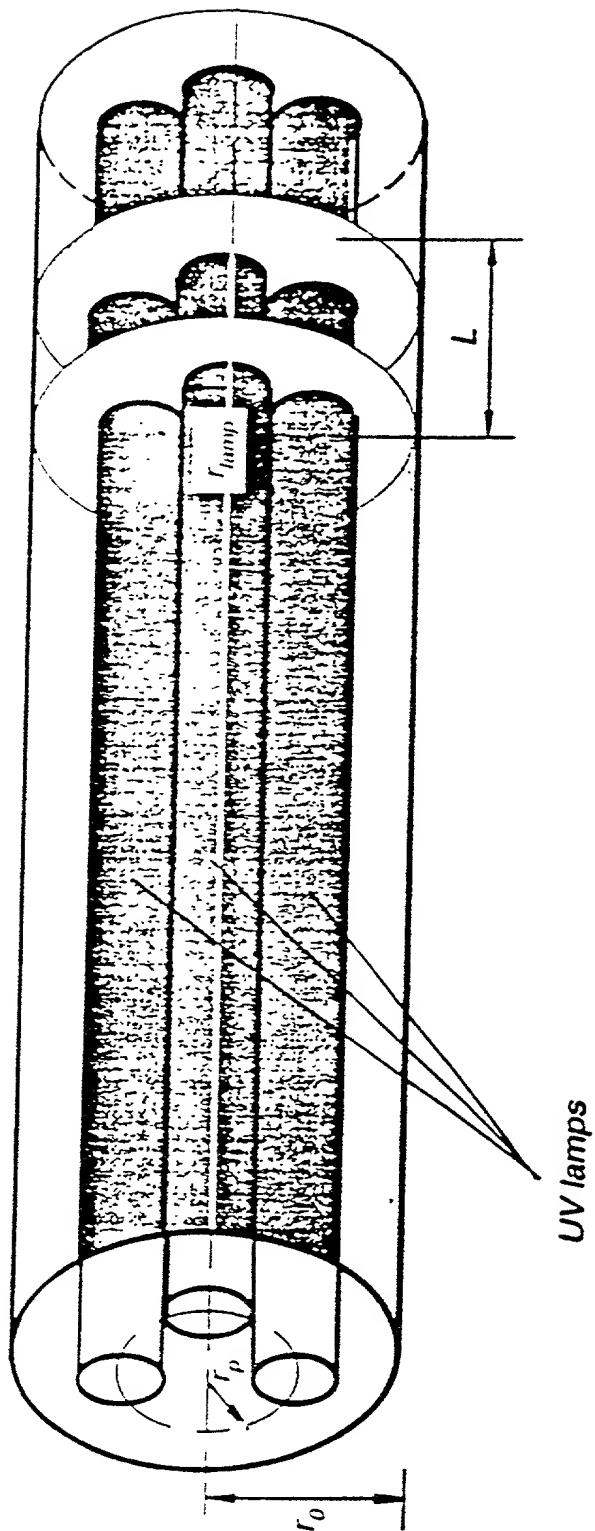
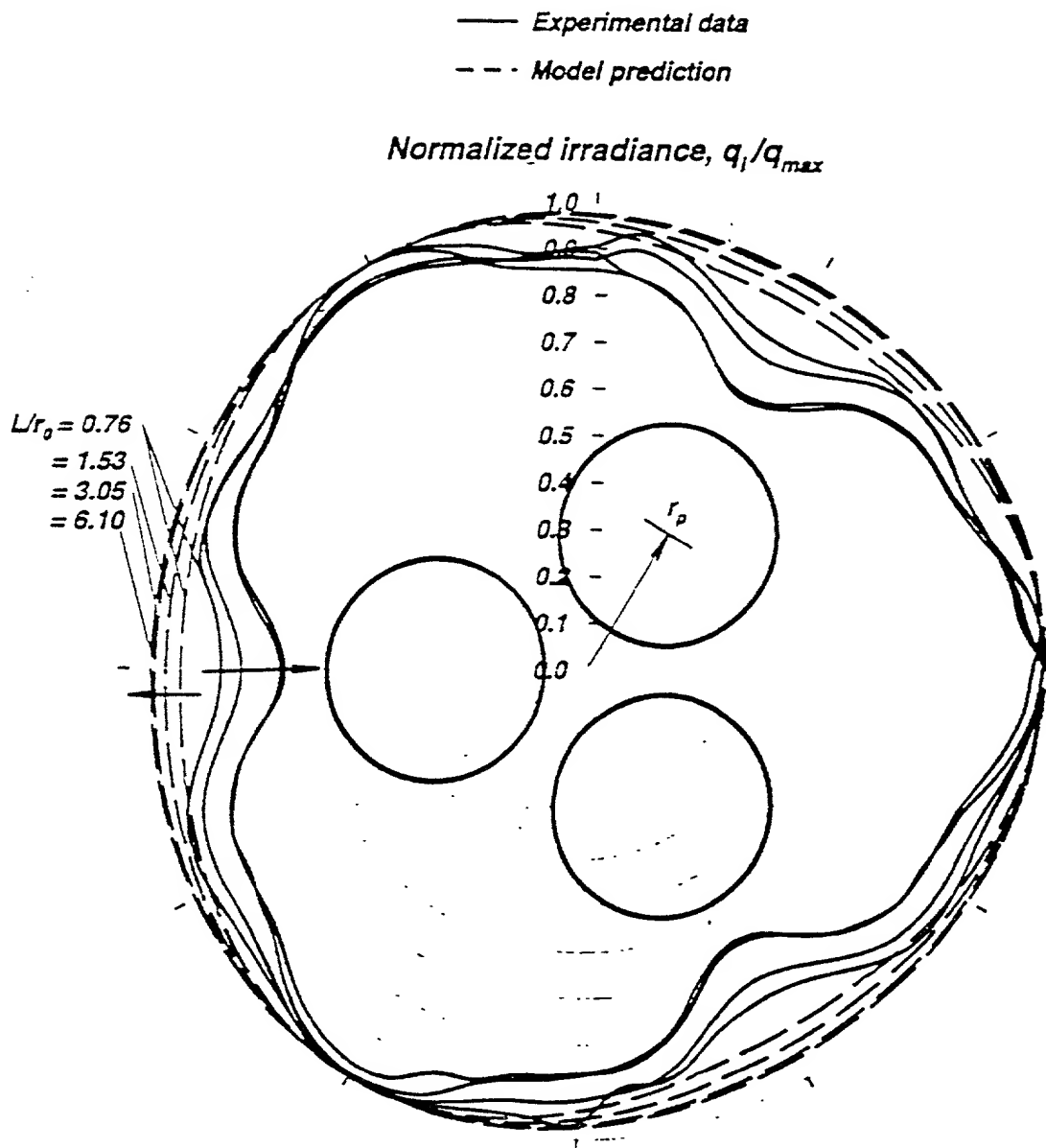
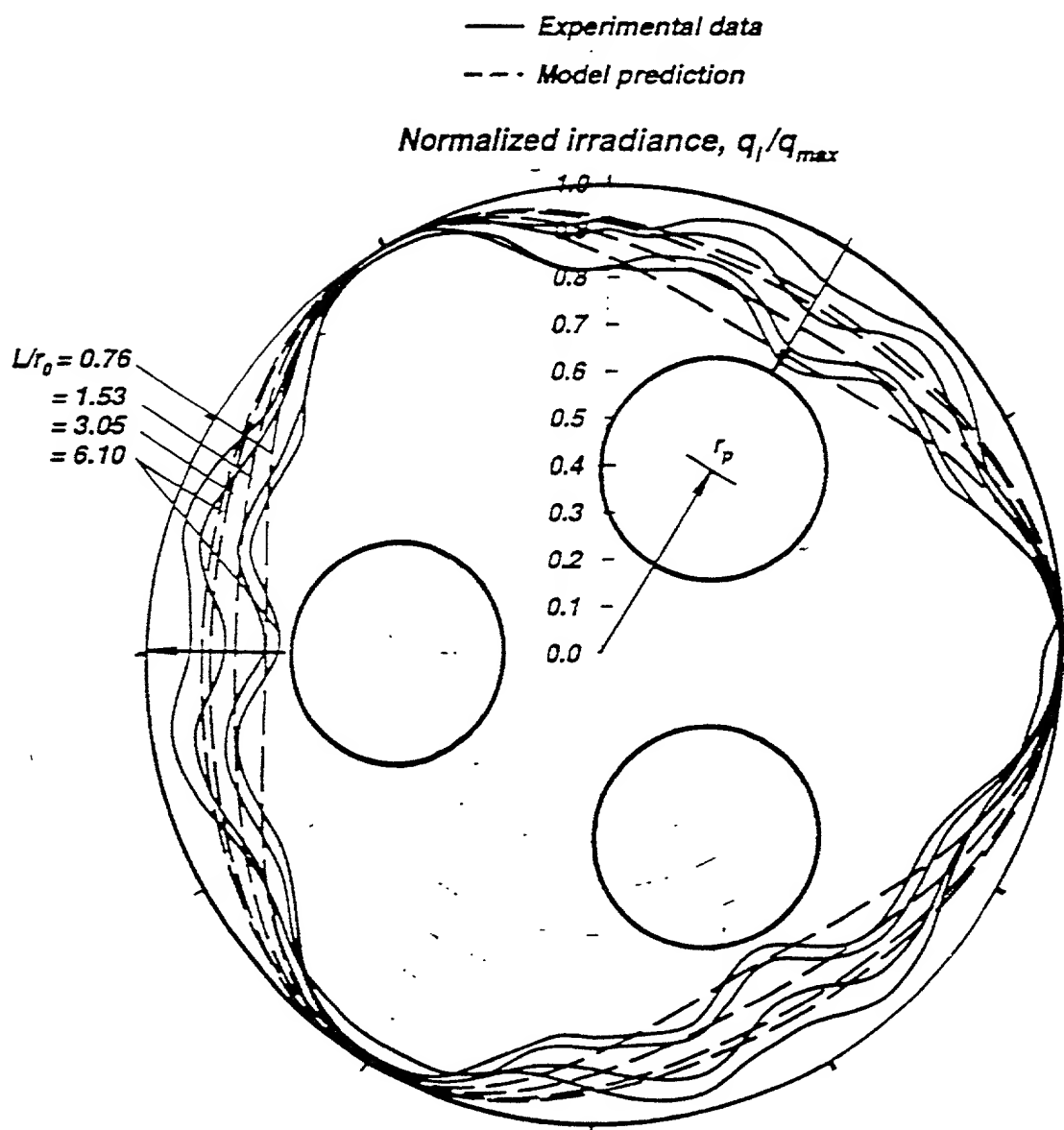


FIG. 4a



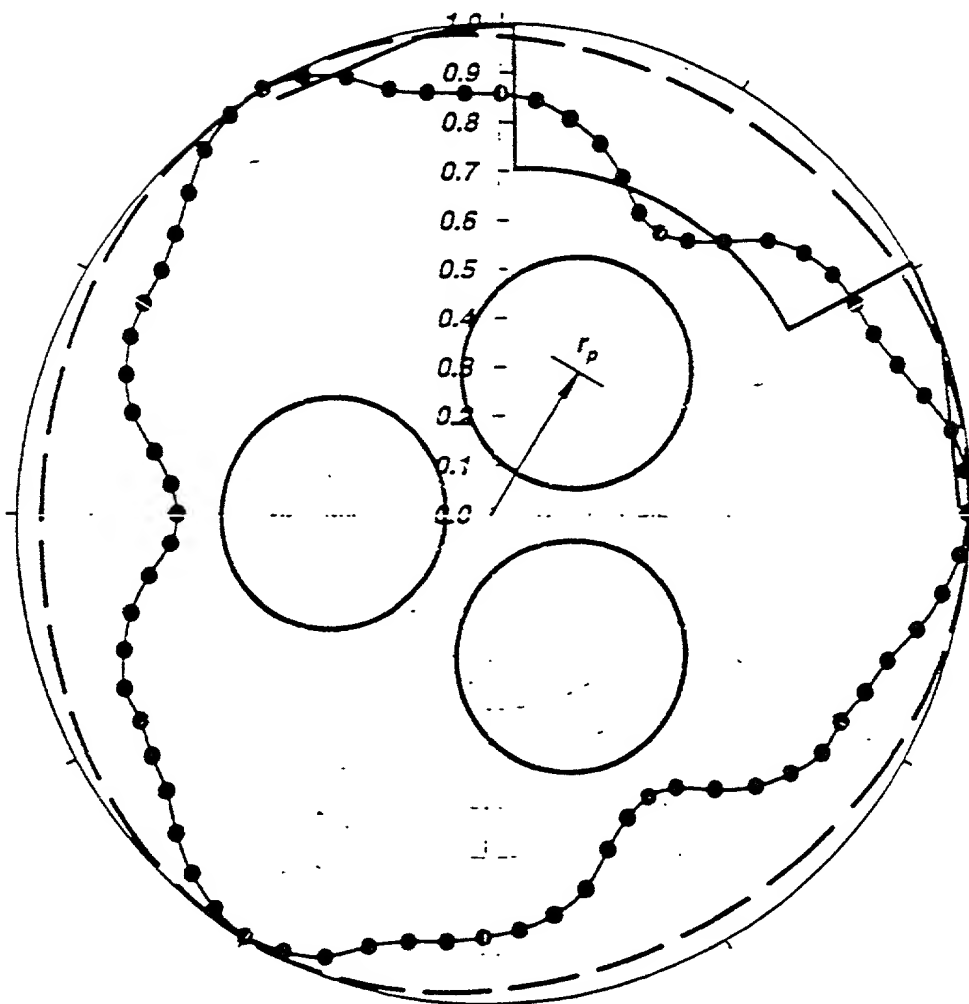
**FIG. 4b**



**FIG. 5**

- Experimental data
- - - simple line source model prediction
- line source with refraction model prediction

Normalized irradiance,  $q_i/q_{max}$



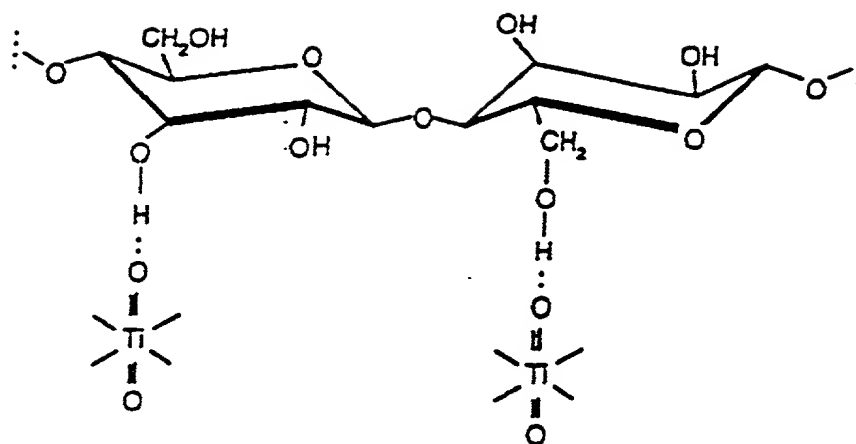


FIG. 6

FIG. 7a

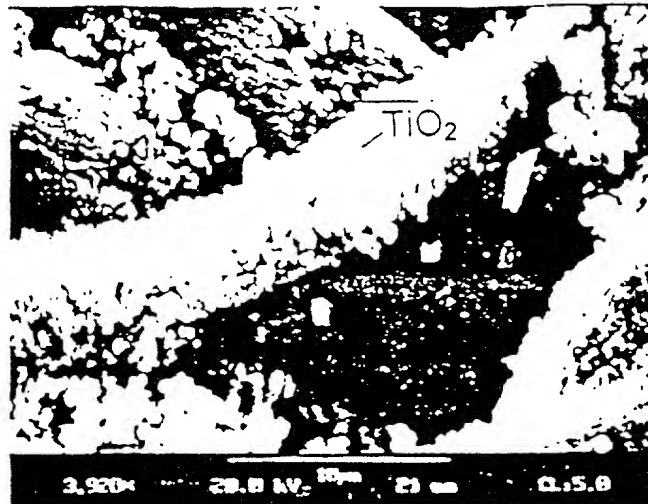


FIG. 7b  
(PRIOR ART)



FIG. 7c  
(PRIOR ART)



FIG. 8a

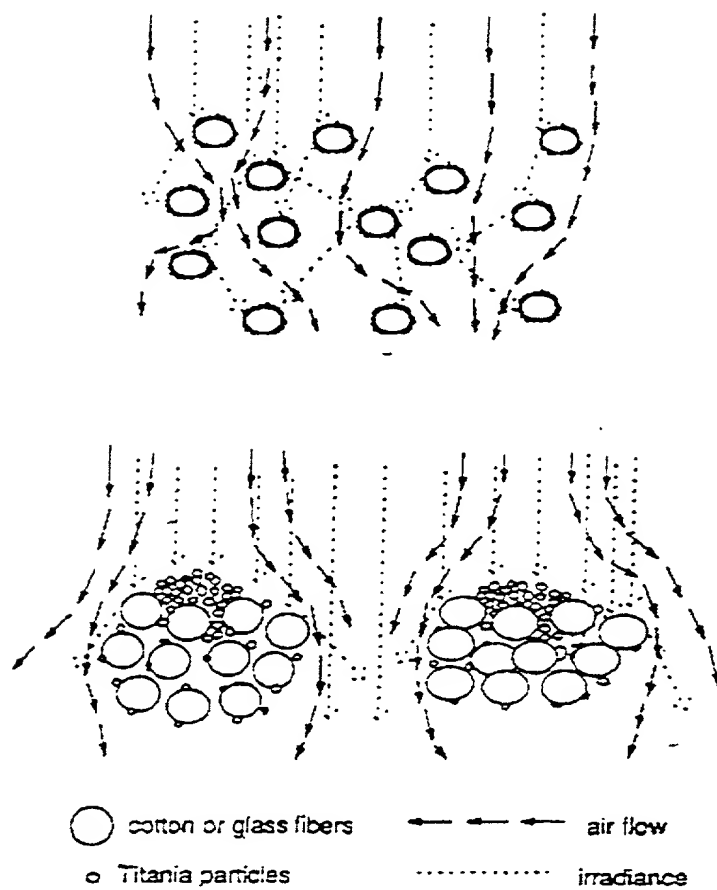


FIG. 8b  
(PRIOR ART)

0975610601

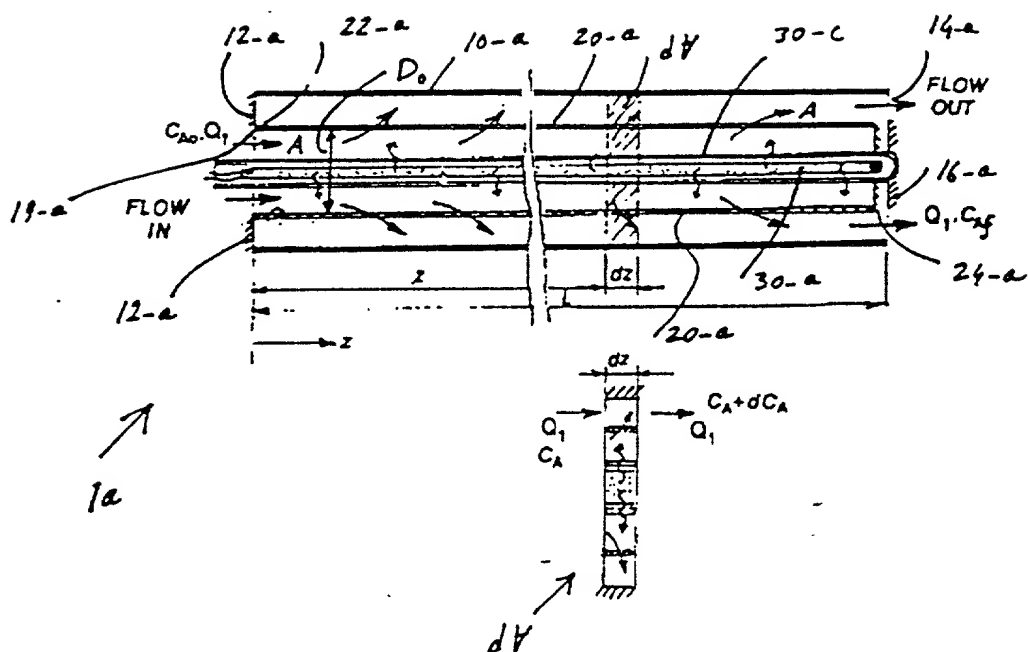


FIG. 9a

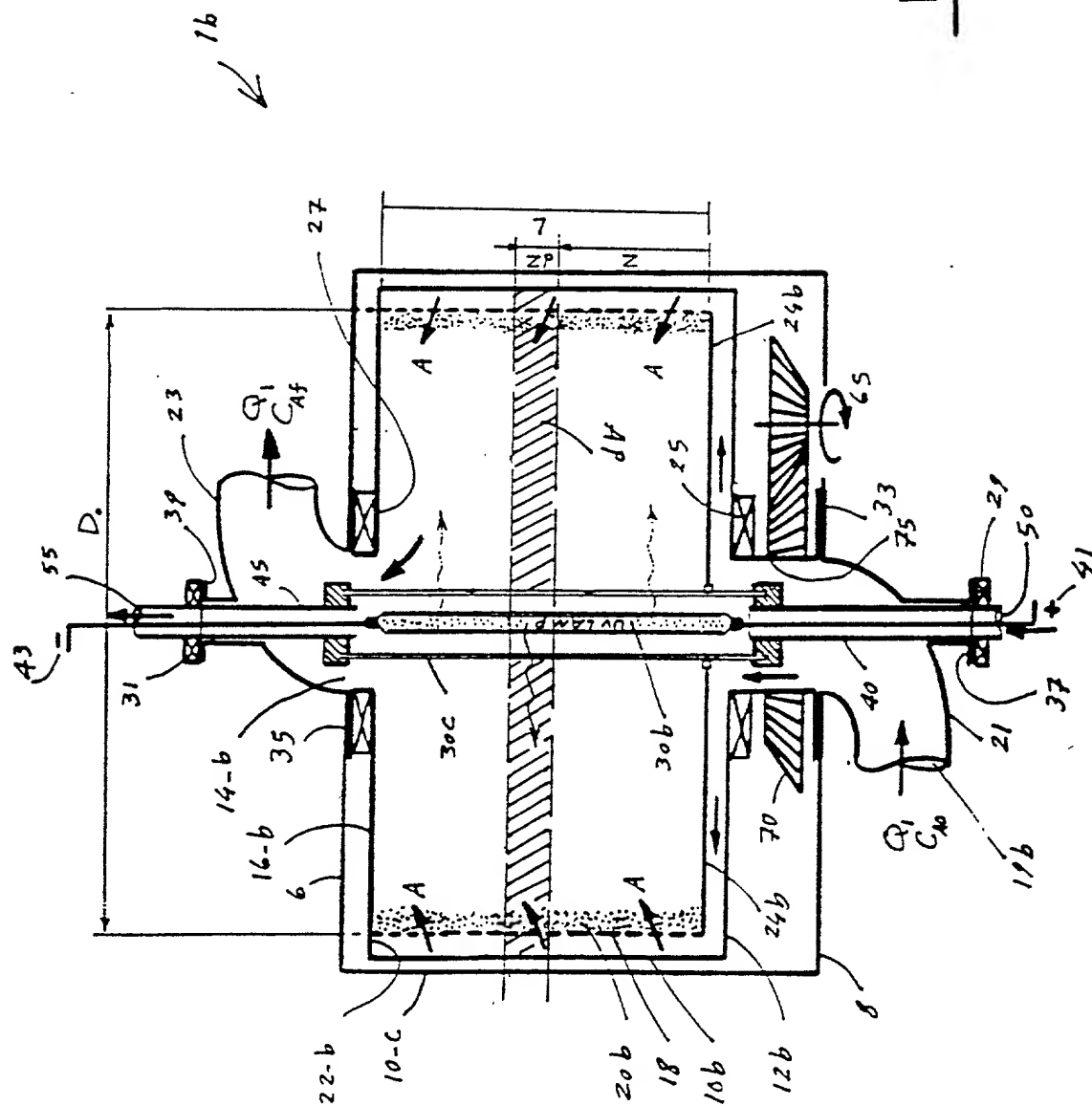
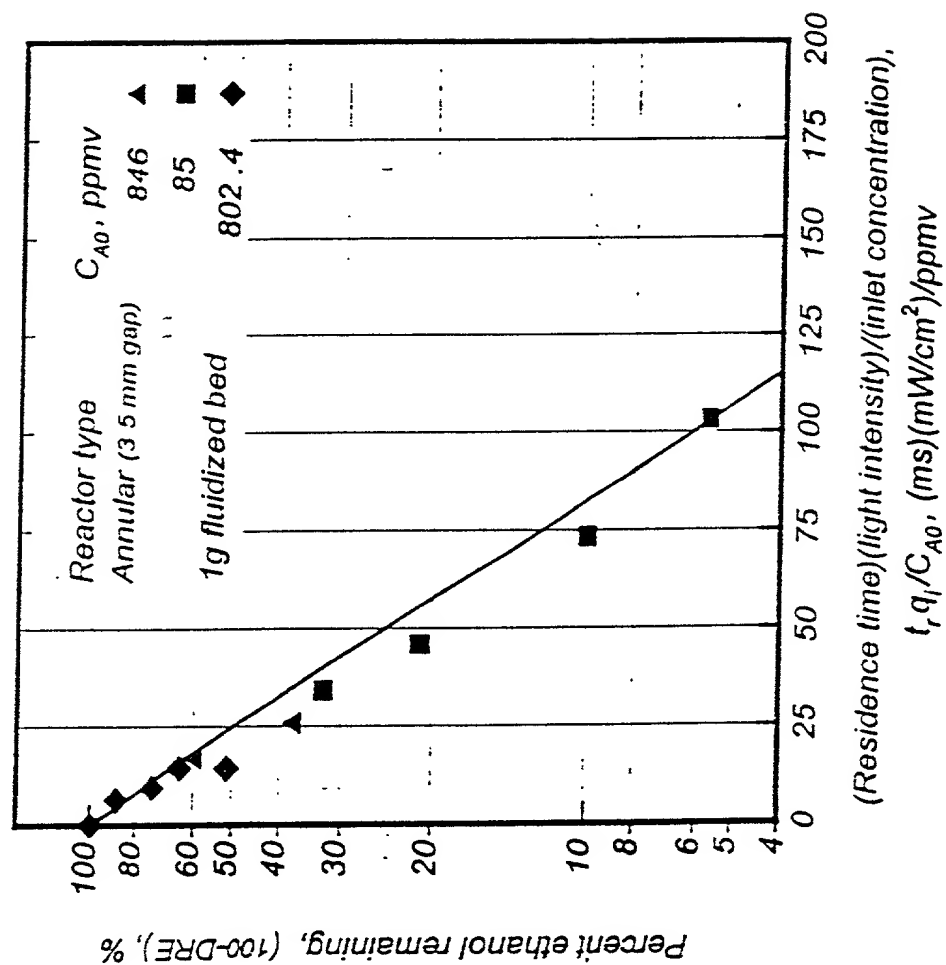
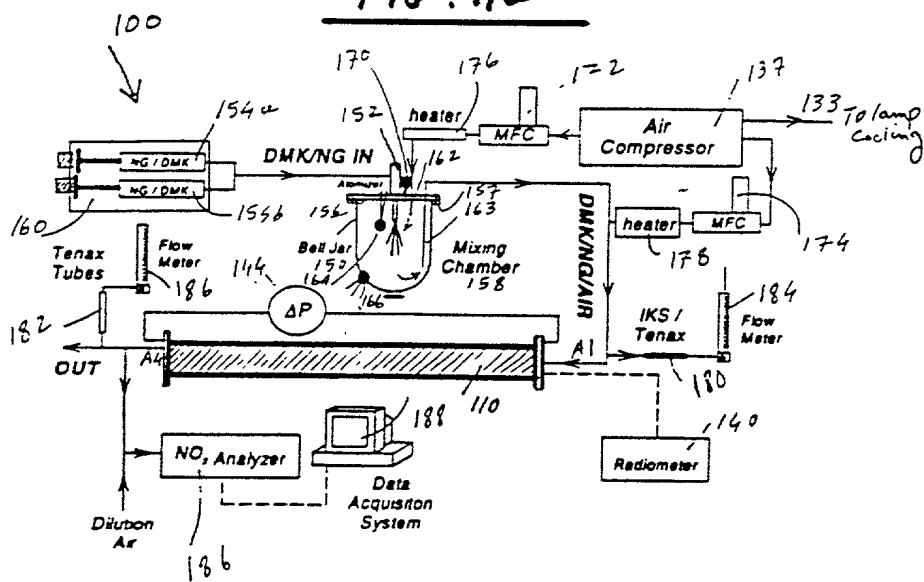
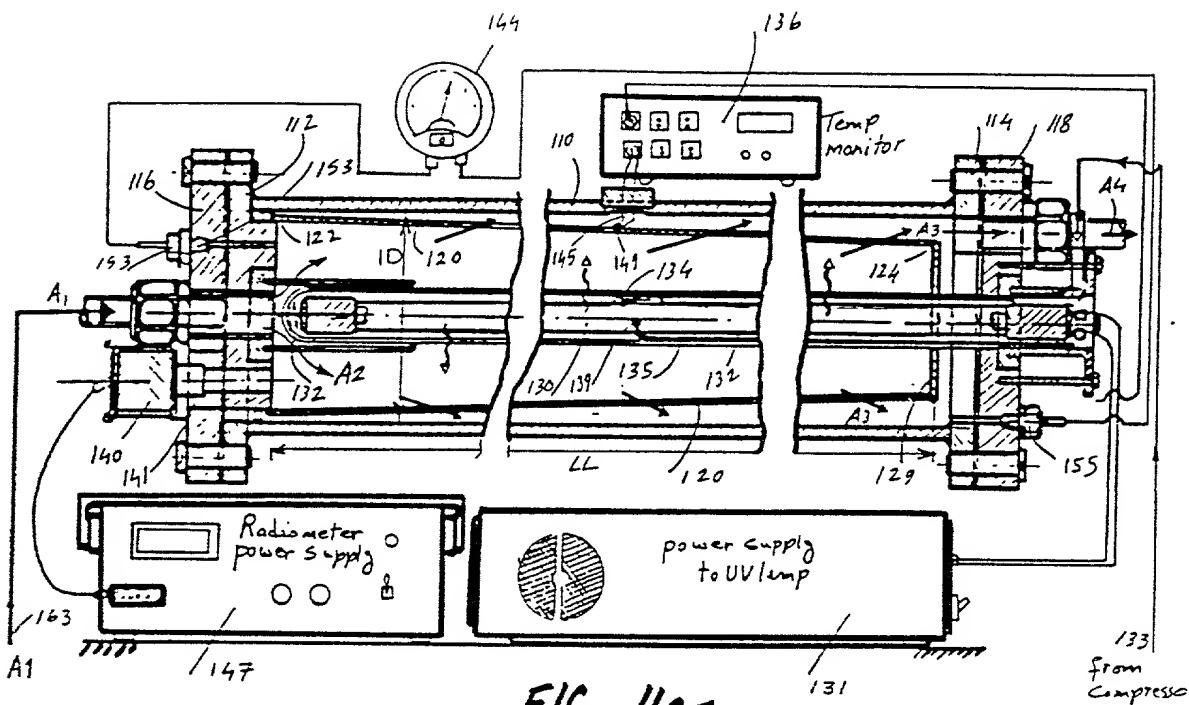


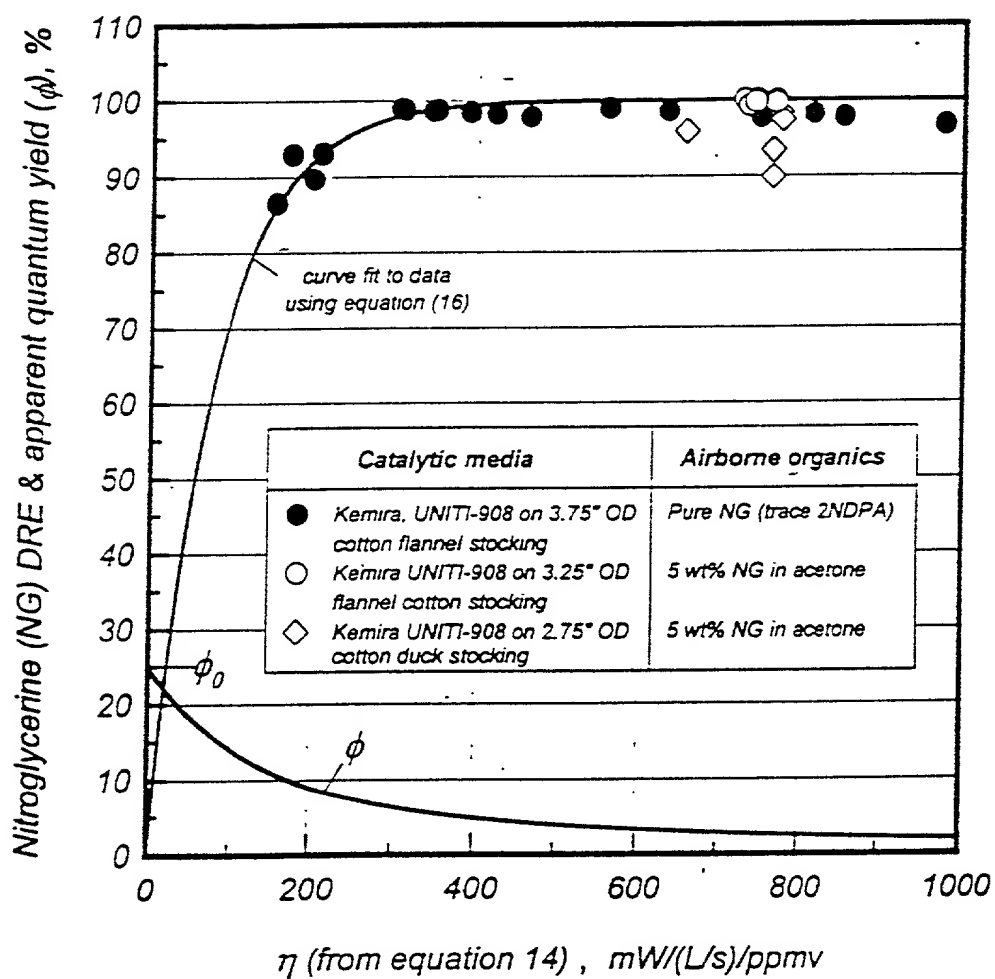
FIG. 9b

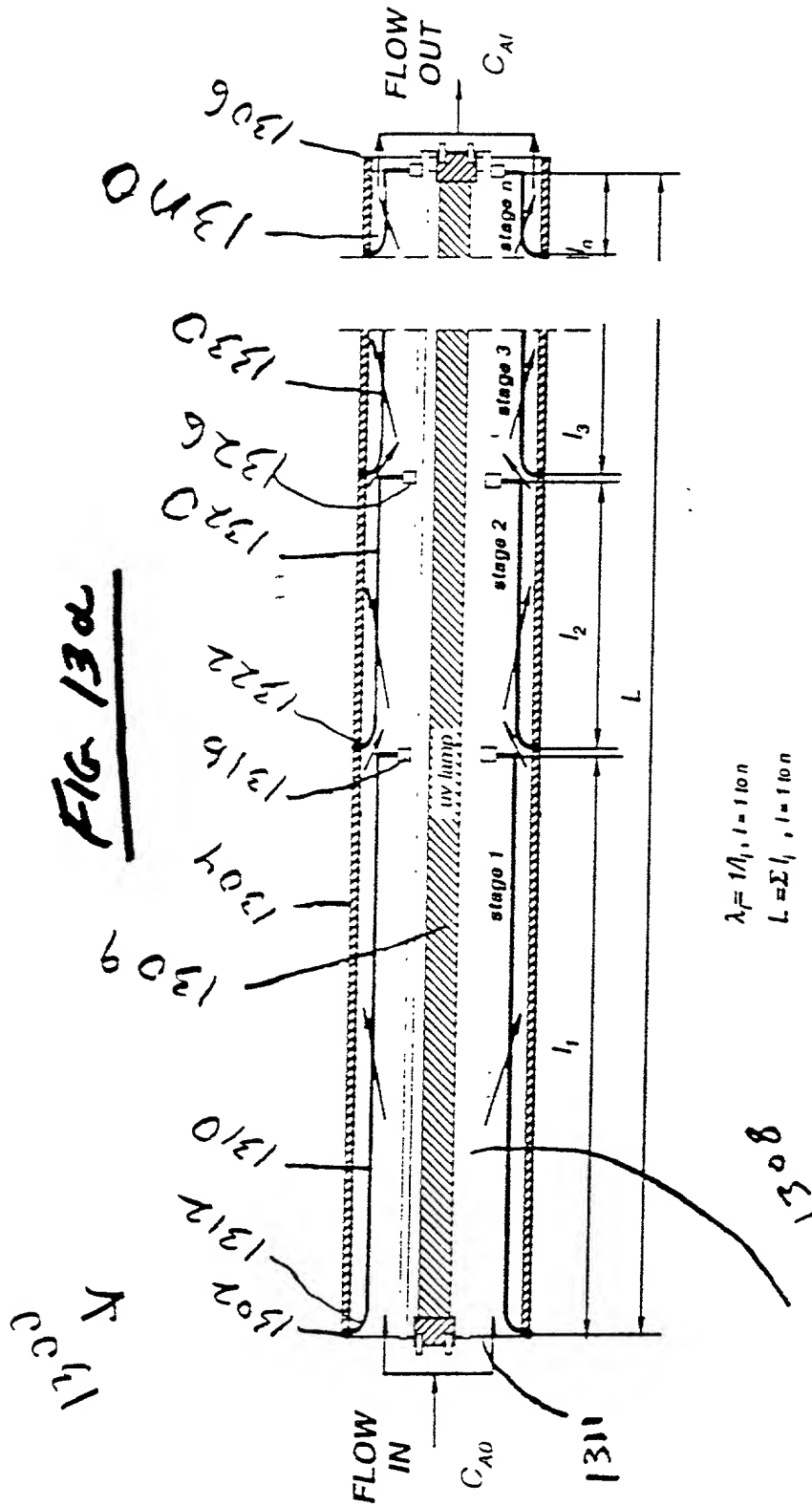
FIG. 10





**FIG. 12**





$$\lambda_i = 1/\eta_i, i = 1 \text{ to } n$$

$$L = \sum l_i, i = 1 \text{ to } n$$

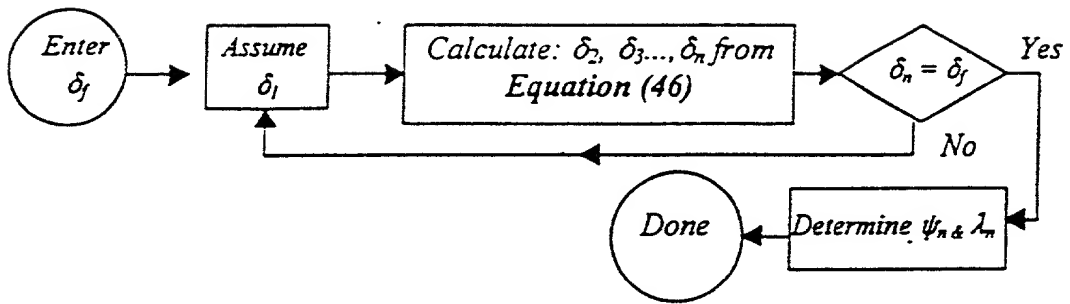


FIG. 13b

1700  
↓

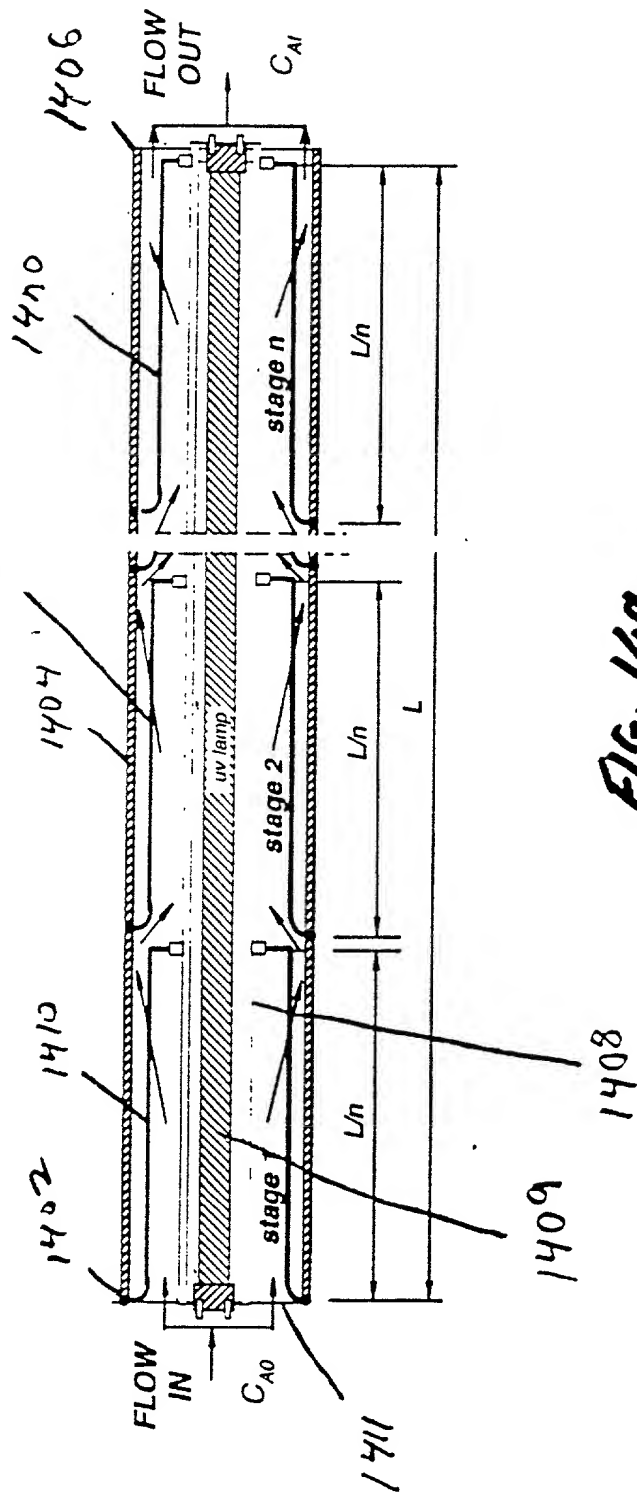


FIG. 14a

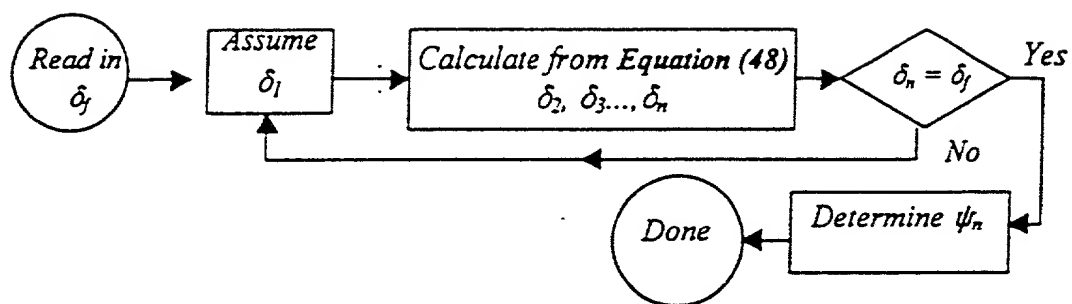
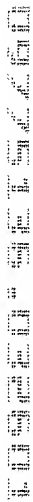


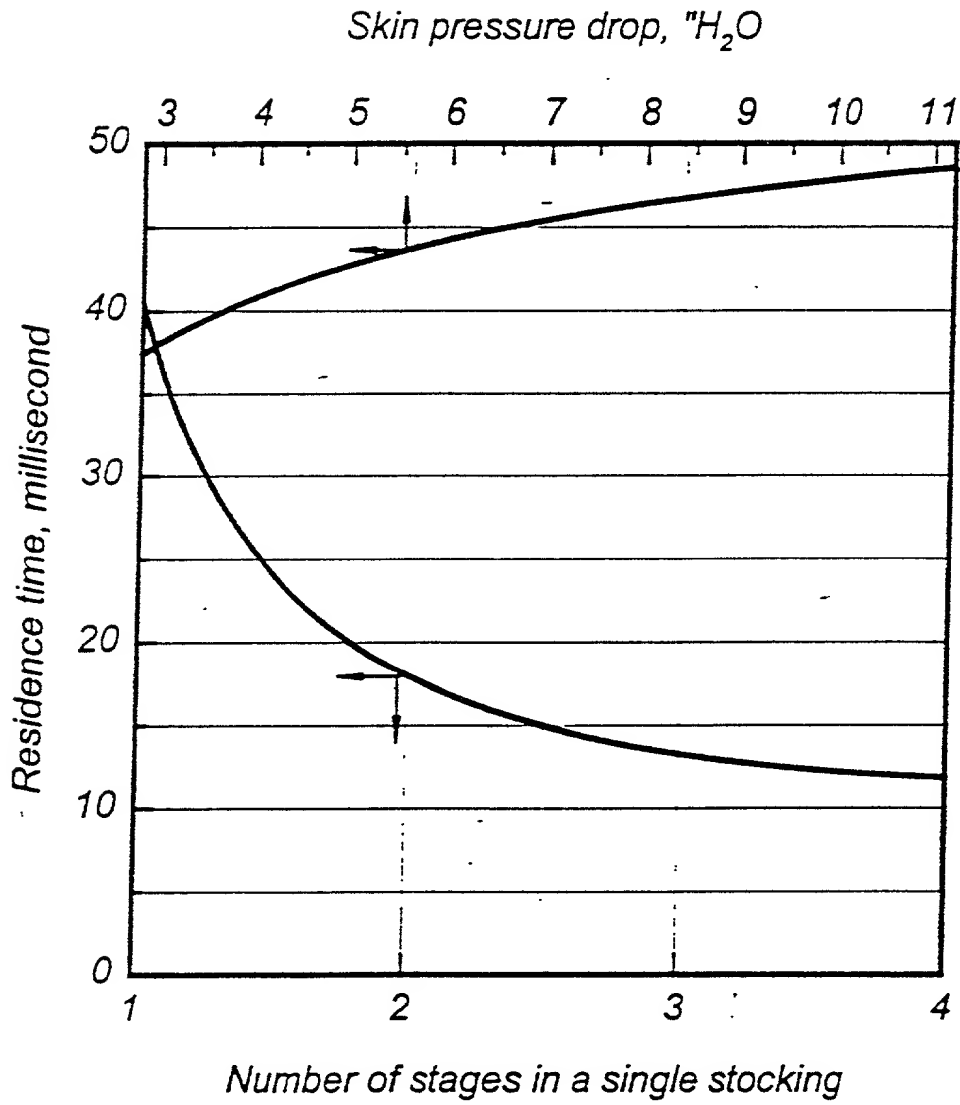
FIG. 14b

✓



**FIG. 14C**

FIG. 15



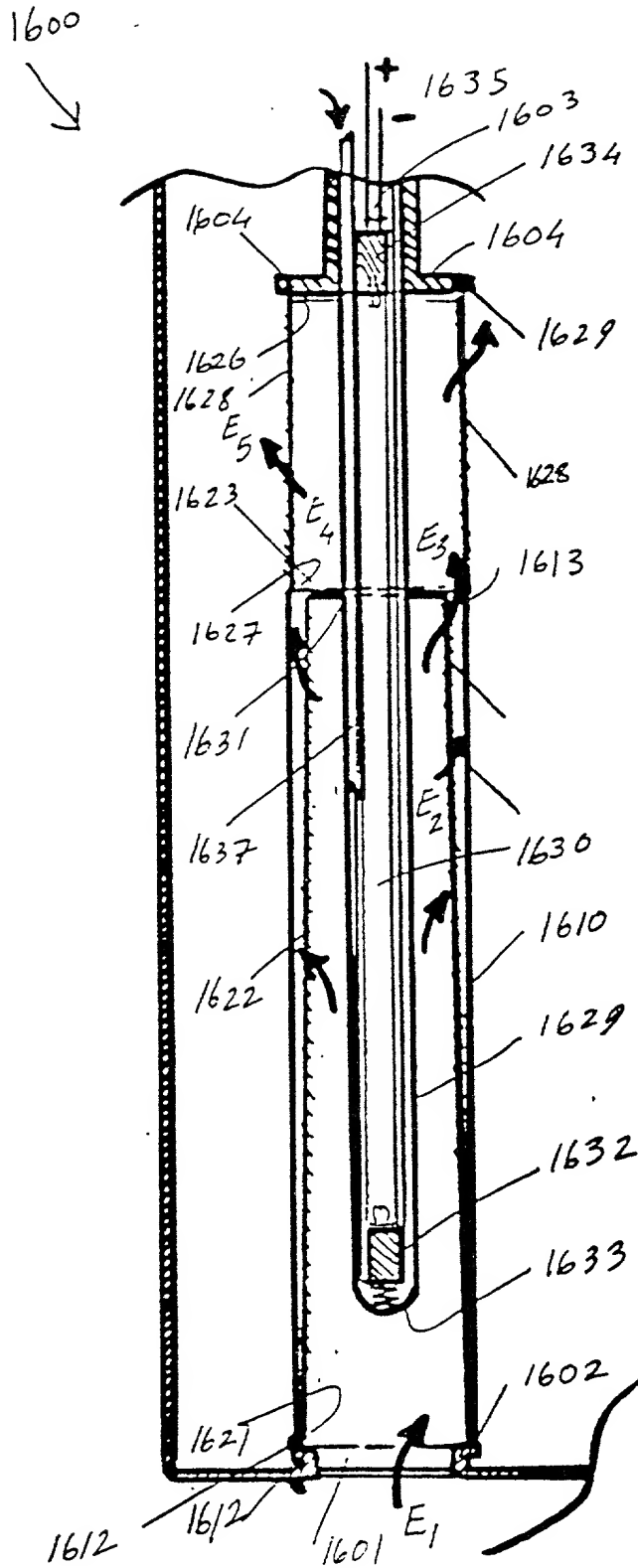


FIG. 16

✓

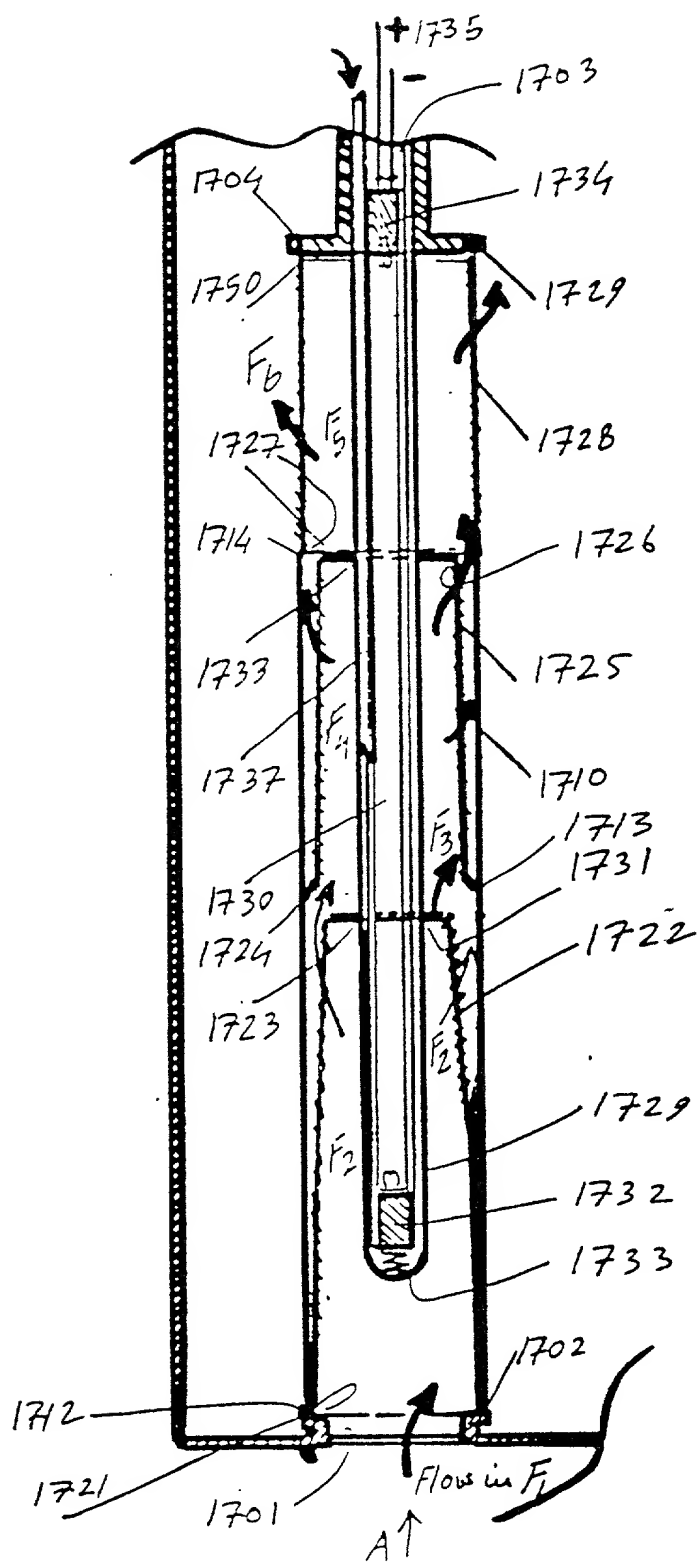


FIG. 17

[illegible]

FIG. 18

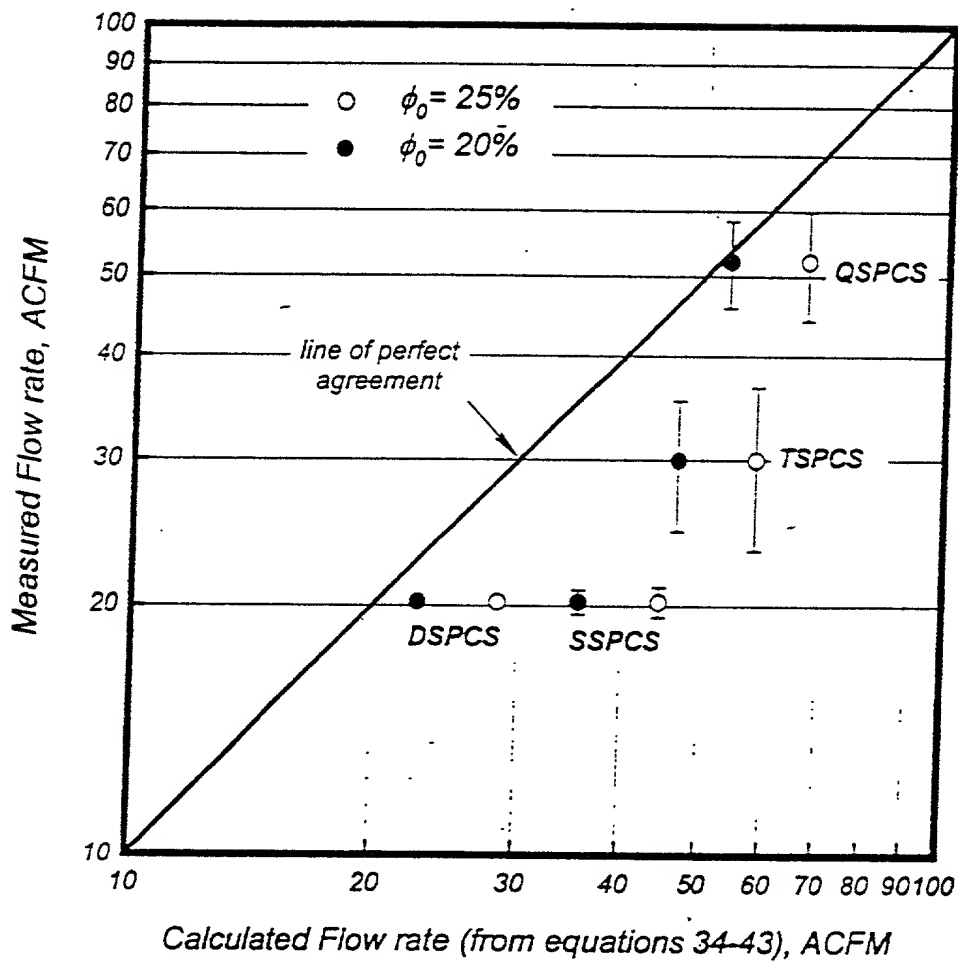
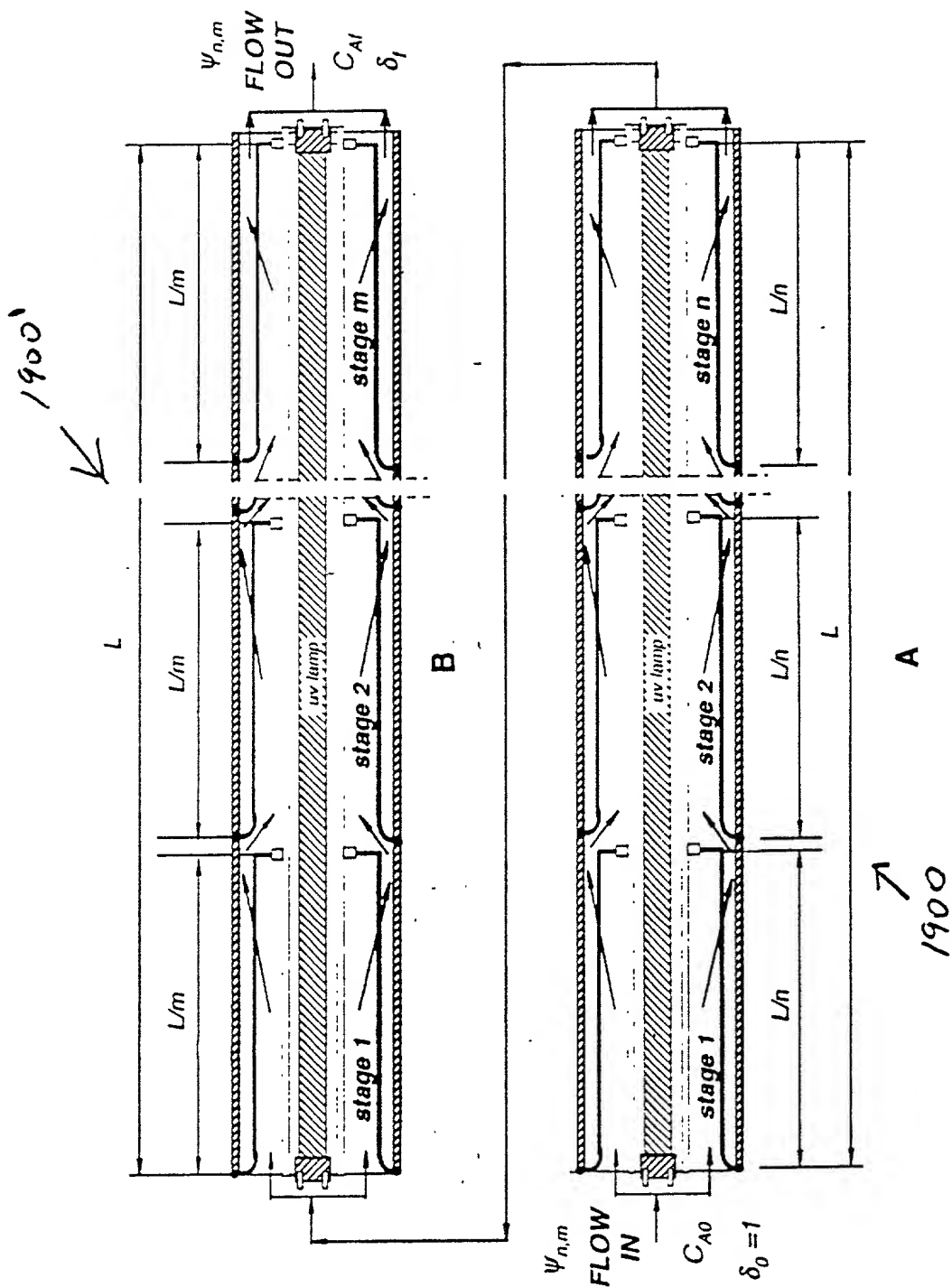


FIG. 18



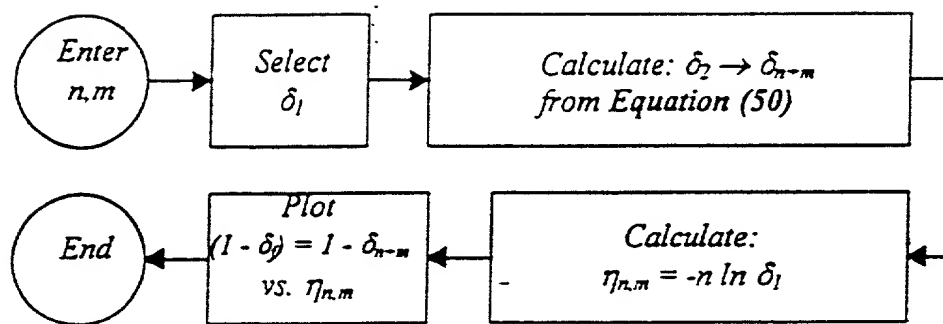
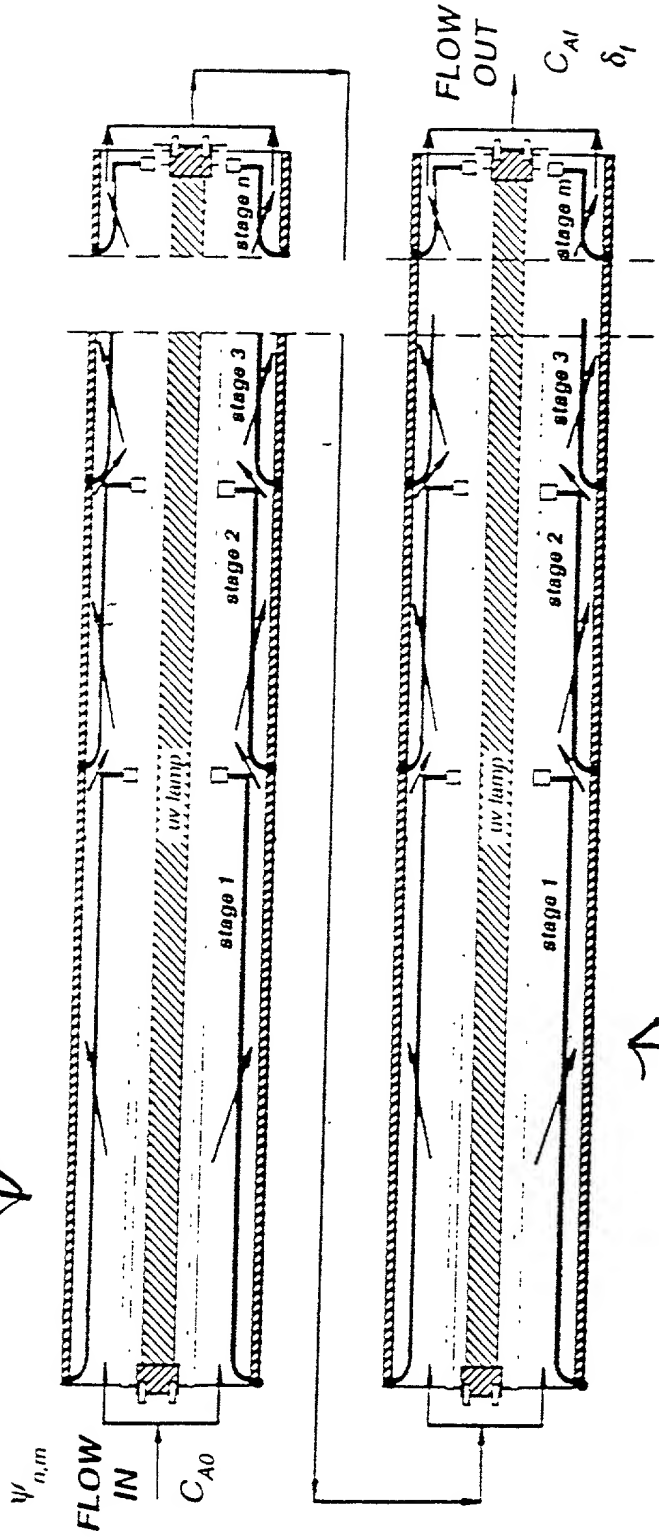


FIG. 19b

FIG. 19c

1300  
↓



↑  
1300



0010



Fig. 2.12

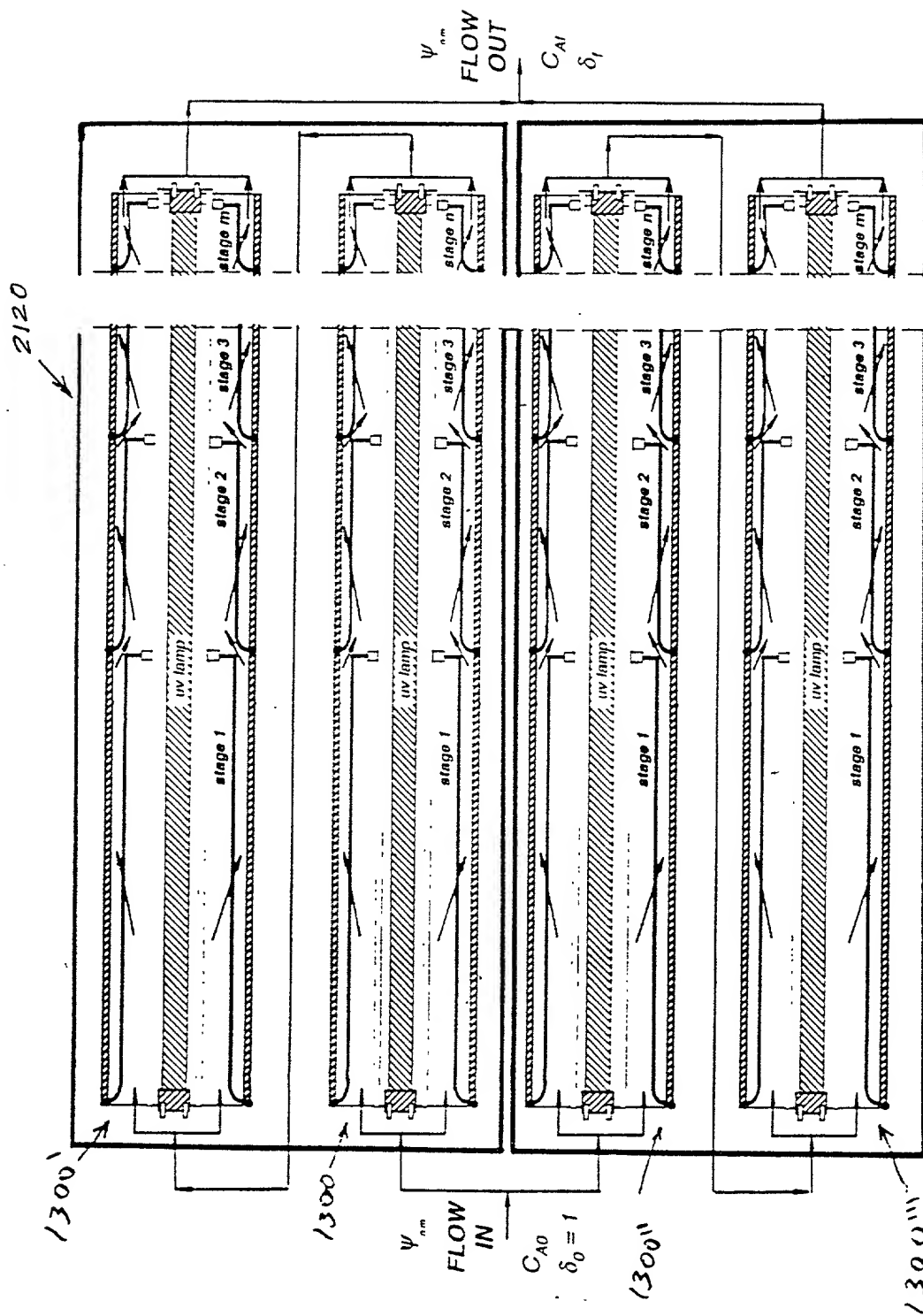
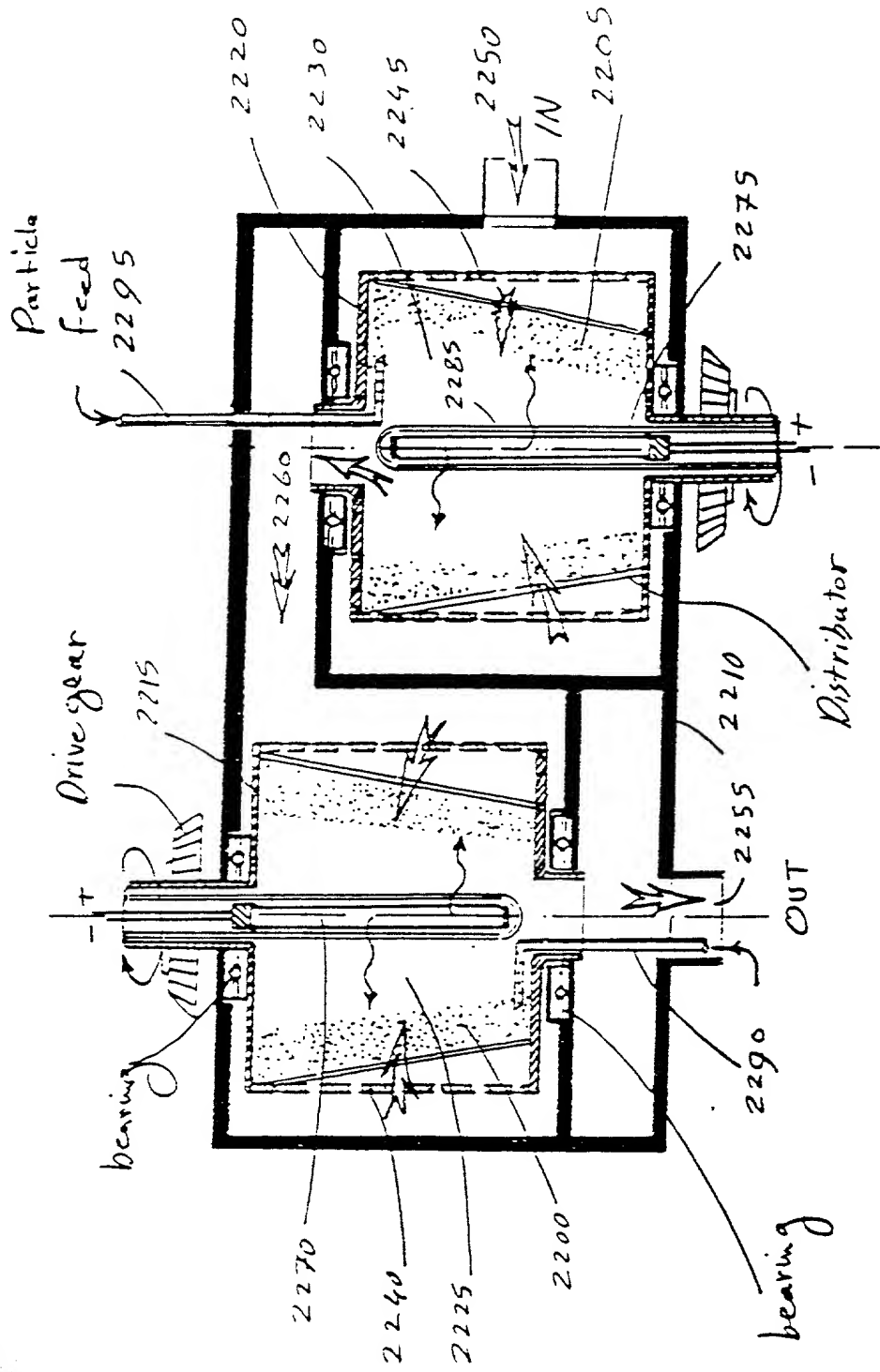


FIG. 21b



**FIG. 22**